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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/775,000	01/31/2001	Christian Huitema	APP 1257-US	4364
9941	7590	04/22/2004	EXAMINER	
TELCORDIA TECHNOLOGIES, INC.			JACOBS, LASHONDA T	
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PISCATAWAY, NJ 08854-4157			PAPER NUMBER	

2157
DATE MAILED: 04/22/2004

2

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/775,000

Applicant(s)

HUITEMA ET AL.

Examiner

LaShonda T. Jacobs

Art Unit

2157

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 31 January 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Drawings

1. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they include the following reference sign(s) not mentioned in the description: note reference numeral 36 in Figure 2 and reference numeral 54 in Figure 3. A proposed drawing correction, corrected drawings, or amendment to the specification to add the reference sign(s) in the description, are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

Specification

2. The disclosure is objected to because of the following informalities: Applicants' need to include the serial number for the related application.

Appropriate correction is required.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-5 are rejected under 35 U.S.C. 102(e) as being anticipated by Raschke et al (hereinafter, "Raschke", 6,653,933).

Art Unit: 2157

As per claim 1, Raschke discloses a global appliance network system, comprising:

- a local smart appliance network, including at least one smart appliance, said local smart appliance network having a general unique global network address (col. 1, lines 17-46 and col. 4, lines 41-61; Raschke teaches an improvement to the conventional smart appliance network);
- a global network agent, including a global server, said global server communicating with said smart appliance using a general addressing scheme identifying in a single message both said smart appliance network by said general unique global network address and the instruction to be performed on said smart appliance (col. 1, lines 17-46, col. 4, lines 41-61 and col. 5, lines 16-25); and
- a communication network interconnecting said local smart appliance network and said global network agent (col. 1, lines 17-46, col. 3, lines 57-67 and col. 4, lines 1-21).

As per claim 2, Raschke discloses:

- wherein the local smart appliance network includes a plurality of smart appliances (col. 1, lines 17-26 and col. 3, lines 57-57).

As per claim 3, Raschke discloses:

- wherein said communication network is the Internet (col. 1, lines 17-46 and col. 4, lines 31-32).

As per claim 4, Raschke discloses:

- wherein said global network agent also includes at least one smart appliance (col. 1, lines 17-46, col. 3, lines 57-67 and col. 4, lines 1-21).

Art Unit: 2157

As per claim 5, Raschke discloses:

- wherein said global network agent also includes a global smart appliance network (col. 1, lines 17-46, col. 3, lines 57-67 and col. 4, lines 1-21).

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claim 6 is rejected under 35 U.S.C. 103(a) as being unpatentable over Raschke in view of Orton et al (hereinafter, "Orton", 6,678,735).

As per claim 6, Raschke discloses the invention substantially as claimed.

However, Raschke does not explicitly disclose:

- a modified version of the Session Initiation protocol.

Orton discloses a method and apparatus for a SIP client manager including:

- a modified version of the Session Initiation protocol (abstract, col. 1, lines 12-29, lines 53-67, col. 2, lines 1-9, col. 3, lines 54-67, col. 4, lines 1-7 and col. 5, lines 46-54).

Given the teaching of Orton, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Raschke by including a SIP protocol with a message modifier in order to transport and route modified messages to smart appliances in a timely and efficient manner.

7. Claim 7 is rejected under 35 U.S.C. 103(a) as being unpatentable over Raschke in view of Orton and in further view of Martin.

As per claim 7, Raschke in view of Orton discloses the invention substantially as claimed.

However, Raschke in view of Orton does not explicitly disclose:

- Lightweight Directory Access Protocol.

Martin discloses a server-client communication over a network including:

- Lightweight Directory Access Protocol (col. 2, lines 4-10, col. 4, lines 33-58, col. 5, lines 16-29, lines 65-67 and col. 6, lines 1-7).

Therefore, it would have been obvious to one of ordinary skill in art at the time the invention was made to combine the teachings of Raschke in view of Orton with Martin to incorporate a Lightweight Directory Access Protocol in order to send and receive messages to smart appliances over a network in a timely and efficient manner.

8. Claims 8 and 9 are rejected under 35 U.S.C. 103(a) as being unpatentable over Raschke in view of Applicants' Admitted Prior Art (AAPA).

As per claim 8, Raschke discloses a one-step location method for remotely operating a smart appliance in a local smart appliance network from a global agent in a global network, said method comprising the steps of:

- the global agent formulating a one-step message that includes the general global address of the local smart appliance network and the action to be taken by the smart appliance (col. 1, lines 17-46, col. 4, lines 41-61 and col. 5, lines 16-25);

Art Unit: 2157

- transmitting the one-step message over a communication network to the local smart appliance network (col. 1, lines 17-46, col. 4, lines 41-61 and col. 5, lines 16-25);
- unpacking the transmitted one-step message and executing the action to be taken by the smart appliance (col. 1, lines 17-46, col. 4, lines 41-61 and col. 5, lines 16-25).

However, Raschke does not explicitly disclose:

- if between the global network and the local smart appliance network there is a firewall, determining that the global agent is permitted to traverse the firewall.

AAPA discloses:

- if between the global network and the local smart appliance network there is a firewall, determining that the global agent is permitted to traverse the firewall (page 2, lines 15-26 and page 3, lines 1-2).

Given the teaching of AAPA, it would have been obvious to one of ordinary skill in art to modify Raschke to include a firewall to prevent unauthorized access to or from private networks in order to provide a secure network.

As per claim 9, Raschke discloses wherein said step of transmitting the one-step message to the local smart appliance network comprises:

- transmitting said one-step message through an intervening network (col. 1, lines 17-46, col. 4, lines 41-61 and col. 5, lines 16-25).

9. Claim 10 is rejected under 35 U.S.C. 103(a) as being unpatentable over Raschke in view of AAPA and in further view of Orton.

Art Unit: 2157

As per claim 10, Raschke in view of AAPA discloses the invention substantially as claimed.

However, Raschke in view of AAPA does not explicitly disclose:

- a modified version of the Session Initiation Protocol.

Orton discloses a method and apparatus for a SIP client manager including:

- a modified version of the Session Initiation protocol (abstract, col. 1, lines 12-29, lines 53-67, col. 2, lines 1-9, col. 3, lines 54-67, col. 4, lines 1-7 and col. 5, lines 46-54).

Given the teaching of Orton, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Raschke in view AAPA by including a SIP protocol with a message modifier in order to transport and route modified messages to smart appliances in a timely and efficient manner.

10. Claim 11 is rejected under 35 U.S.C. 103(a) as being unpatentable over Raschke in view of AAPA and in further view of Orton and in further view of Martin.

As per claim 11, Raschke in view of AAPA and in further of Orton discloses the invention substantially as claimed.

However, Raschke in view of AAPA and in further view of Orton does not explicitly disclose:

- Lightweight Directory Access Protocol.

Martin discloses a server-client communication over a network including:

- Lightweight Directory Access Protocol (col. 2, lines 4-10, col. 4, lines 33-58, col. 5, lines 16-29, lines 65-67 and col. 6, lines 1-7).

Art Unit: 2157

Therefore, it would have been obvious to one of ordinary skill in art at the time the invention was made to combine the teachings of Raschke in view of Orton and in further view with Martin to incorporate a Lightweight Directory Access Protocol in order to send and receive messages to smart appliances over a network in a timely and efficient manner.

Conclusion

11. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

U.S. Pat. No. 6,480,586 to Hayes et al

U.S. Pub. No. 2003/0046377 to Daum et al

U.S. Pat. No. 6,690,979 to Smith

U.S. Pat. No. 6,636,596 to Gallant et al

U.S. Pat. No. 6,121,593 to Mansbery et al

U.S. Pub. No. 2002/0083342 to Webb et al

Any inquiry concerning this communication or earlier communications from the examiner should be directed to LaShonda T. Jacobs whose telephone number is 703-305-7494. The examiner can normally be reached on 8:30 AM - 5:00 PM.

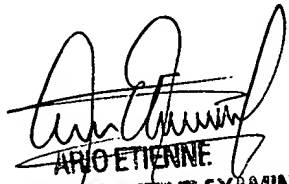
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on 703-308-7562. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 2157

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

LaShonda T. Jacobs
Examiner
Art Unit 2157

ltj
April 16, 2004


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SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100